

ACC NR: AP7003632 (N) SOURCE CODE: PO/0026/66/014/004/0351/0377

AUTHOR: Przbyszewski, E.

ORG: Institute of Geophysics, PAN (Zaklad Geofizyki PAN)

TITLE: H and Z components in 1956-1965 of the observatories in Swider, Belsk, and Hel, and their connections with those of foreign observatories

SOURCE: Acta geophysica polonica, v. 14, no. 4, 1966, 351-377

TOPIC TAGS: theodolite, magnetometer, ~~geomagnetic~~, geomagnetism, ~~geomagnetic measurement, horizontal component~~, *geomagnetic research facility*, *astronomic observatory*/Swider, Belsk, Hel

ABSTRACT: During 1956-1965 the author reported on component H and Z measurements and their connections between the Polish observatories in Swider, Belsk, and Hel and between these three places and foreign observatories in Niemegk, Wingst, Krasna Pachra, Vienna, Pruhonice, Hurbanovo, Rude Skov, Tromso, Lovo, and Kiruna. The report supplements the 1962 publication "On the magnetic levels of the national observatories in 1955-1960" (Über das magnetische

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Niveau der Landesobservatorien in den Jahren 1955-1960) for 1961—1965. The author also reported on the theodolites and magnetometers used by the Polish observatories. The standard of the Swider observatory is the Cambridge 169 magnetometer, whose plane was accepted as "zero" plane in 1956. Orig. art. has: 2 figures and 23 tables.

[DR]

SUB CODE: 08/
OTH REF: 002/

SUBM DATE: 27Jun66/ORIG REF: 017/SOV REF: 001/

Card 2/2

BULINSKI, Romuald; PRZECIECHOWSKA, Irena

A study of the nutritional value of Polish varieties of walnuts.
Ann. Univ. Lublin sect. D 19:71-76 ' 64.

1. Katedra i Zakład Nauki o Środkach spożywczych i Higieny Ży-
wienia. Wydział Farmaceutyczny AM w Lublinie (Kierownik: prof.
dr. Alfred Trawinski).

BULINSKI, Romuald, KUTULAS, Krystyna; PRZECIECHOWSKA, Irena

A study of the nutritional value of beans. Ann. Univ. Lublin
sect. D 19:125-123 ' 64.

1. Katedra i Zakład Nauki o Środkach Spożywczych i Higieny
Żywności, Wydział Farmaceutyczny AM w Lublinie (Kierownik:
prof. dr. Alfred Trawinski).

PRZECIECHOWSKA, Irena

Studies on the occurrence of microorganisms in egg and milk powders, with special consideration of the Salmonella and Staphylococcus groups. Ann. Univ., Lublin sect.D 16:413-416 '61.

1. Z Katedry i Zakladu Nauki o Srodkach Spozywczych i Higieny Zywienia Wydzialu Farmaceutycznego Akademii Medycznej w Lublinie Kierownik: prof. dr Alfred Trawinski.

(MILK) (EGGS) (STAPHYLOCOCCUS) (SALMONELLA)
(FOOD INSPECTION)

PRZECLAWSKI, Zbigniew

Mining of rocks by explosives of reduced cartridge cross section. Wiadom gorn 14 no.1:31-34 Ja '63.

1. Przedsiębiorstwo Robot Gorniczych, Walbrzych.

HIMMEL, Andrzej; TKACZEWSKI, Wladyslaw; PRZEDLACKI, Janusz; WALASEK, Lech;
PLONKA, Andrzej

Evaluation of single administrations of polythiazide in normal
subjects. Pol. tyg. lek. 19 no.49:1873-1874 7 D '64

1. Z III Kliniki Chorob Wewnętrznych Wojskowej Akademii Medycznej
w Łodzi (kierownik: dr. med. Andrzej Himmel).

PRZEDMOJSKI, Jan

Determination of the thermal expansion coefficient of barium-strontium ferrite. Przegl elektroniki 3 no.7:431-434 J1 '62.

1. Katedra Fizyki Ogolnej B, Politechnika, Warszawa.

PRZEDMOJSKI, Jan

X-ray investigations of temperature characteristics of Ni-Zn ferrites. Przegl elektroniki 3 no.2:84-92 F '62.

1. Katedra Fizyki Ogolnej B, Politechnika Warszawska.

PRZEDMOJSKI, Jan

X-ray pressure chambers. Postepy fizyki 13 no.4:455-461
'62.

1. Katedra Fizyki Ogolnej B, Politechnika, Warszawa.

89622

POL/47/60/011/005-6/003/003
D/221/D305

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1072
9.4300 1143

AUTHOR: Przedmojski, J.

TITLE: X-ray research camera operating from -180° to $+300^{\circ}\text{C}$

PERIODICAL: Postępy fizyki, v. 11, no. 5-6, 1960, 565-568

TEXT: The author states that research on the influence of temperature on phenomena occurring in the solid phase of great importance and one of the accurate and sure methods of determining the modifications of the solid state is the use of an X-ray camera. While the most common are cameras designed for operation either at low or high temperatures, there exist also cameras which can be used both at low and high temperatures. The author cites A.K. Shevelev, L.M. Balakina (Ref. 2: Kristallografiya, 4, 247, 1959); N.N. Zhuravlev, A.A. Katsnel'son (Ref. 3: Kristallografiya, 3, 632, 1958); V.V. Zubenko, M.M. Umanskiy (Ref. 7: Kristallografiya, 2, 508, 1957). In the present article, the description of a camera of this

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X-ray research camera ...

type is given. The high-temperature model is described first. The camera consists of the main-body with cut-outs at its sides, covered with celluloid, used for the outlet of the diffracted rays, the lid with the heater element, and the bottom with the heater element and a revolving table (Fig. 1)

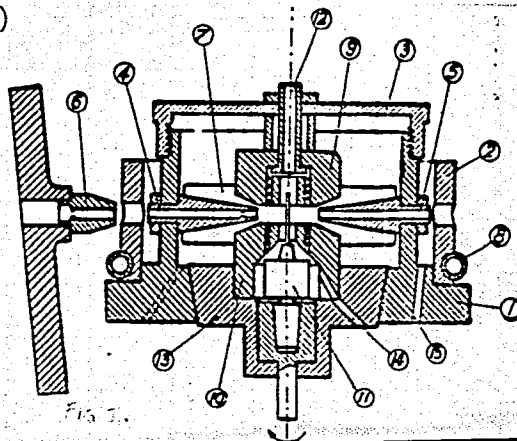


Fig. 1. High-temperature camera.

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D/221/D305

X-ray research camera ...

1 - the camera body, 2 - cassette, 3 - lid, 4 - collimator (second diaphragm), 5 - absorber, 6 - first diaphragm of the collimator, 7 - cut-out in the body of the camera, for the diffracted rays, 8 - cooling spiral maintaining the cassette at room temperature, 9 - upper heating element, 10 - the lower heating element, 11 - the revolving table, 12 - outlet for the leads of the thermocouple and of the upper heating element, 13 - bottom of the camera body, 14 - outlet for the leads of the lower heater element, 15 - outlet for the leads of the thermocouple and of the upper heater element. The ring-type cassette has a diameter of 90 mm and is inserted outside the camera body. It is water cooled. The use of a collimator composed of two parts allows the camera to be kept near the source of X-rays during the changing of the cassette. It follows that the change of the cassette in no way affects the state of the camera it is in. The heating element power is supplied by a transformer connected to an autotransformer which permits continuous regulation of the temperature. The high-temperature camera can be very easily transformed into a

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POL/47/60/011/005-6/003/003
D/221/D305

X-ray research camera ...

low-temperature one. To do so the upper heater is unscrewed, the bottom of the camera is replaced by an insulating ring (made of plexiglass), in which a copper rod 20 mm in diameter is secured on a cone. The rod has a length 200 mm (Fig. 2)

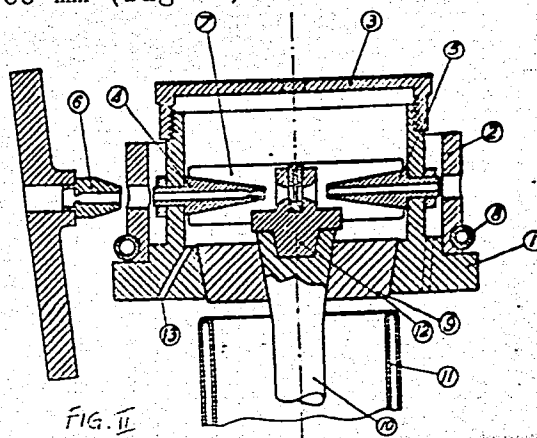


Fig. 2. Low-temperature camera.

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POL/47/60/011/005-6/003/003
D/221/D305

X-ray research camera ...

Fig. 2. Low-temperature camera. 1 - camera body, 2 - cassette, 3 - lid, 4 - collimator (second diaphragm), 5 - absorber, 6 - second diaphragm of the collimator, 7 - cut-out in the camera body for the diffracted rays, 8 - cooling spiral maintaining the cassette at room temperature, 9 - plexiglass isolating ring, 10 - cooling rod, 11 - Dewar flask, 12 - table for fixing and cooling of the sample, 13 - outlet for the thermocouple leads. In the low temperature version the analyzed sample is not rotated. The camera is not evacuated but air-tight, so that it is isolated from the ambient atmosphere. The latter feature has been achieved by carefully sealing the celluloid foil, the collimator, catcher and the lid. For long exposures it is advisable to put the celluloid foil over both sides of the camera body. The air cushion between the foils prevents the formation of frost at the foil. Before cooling the camera, the air inside is thoroughly dried. The lowest obtainable temperature when using liquid air is -191°C after approximately 20 min. The liquid air level is clearly visible (the Dewar flask is silvered) and it does not affect the camera

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POL/47/60/011/005-6/003/003
D/221/D305

X-ray research camera ...

temperature. A small heating element is built-in into the table in order to heat the sample when required. The camera described above was used to investigate the phase transitions of barium titanate and it was shown to operate correctly. Although of very simple design, the camera meets the specifications of a high-quality instrument, viz.: a) the changing of the film does not affect the working conditions of the camera, due to a two-part collimator and a cassette mounted on the outside; b) it registers diffraction in the most useful range of the angles, i.e. from 5 to 85°; c) good stability and regulation of temperature in both versions of the design; d) simple and quick change from the low to high-temperature operation; e) a well-chosen diameter, short exposure times and a diameter permitting easy calculations; f) the possibility of using all known heating and cooling methods with a single camera body, enabled by the adaptation of conical surfaces. There are 3 figures and 9 references: 5 Soviet-bloc and 4 non-Soviet-bloc. The references to the English-language publi-

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X-ray research camera ...

POL/47/60/011/005-6/003/003
D/221/D305

cations read as follows: Z.S. Basiński, W.B. Pearson, J.W. Christian, J. sci. Instrum., 29, 154, 1952; M.H. Francombe, J. sci. Instrum., 34, 35, 1957; E.A. Owen, G.J. Williams, J. sci. Instrum., 31, 41, 1954; N.C. Tombs, J. sci. Instrum., 29, 364, 1952. [Abstractor's note: Essentially a complete translation]

ASSOCIATION: Katedra fizyki ogólnej B, politechnika Warszawska
(Department of General Physics B of the Warsaw Polytechnic).

Card 7/7

PRZEDMOJSKI, Jan

The X-ray test of thin cadmium-telluride films evaporated on glass.
Przegl. elektroniki 2 no.3:242-244 J1 '61.

1. Katedra Fizyki Ogólnej B. Politechnika, Warszawa.

PASICH, Jan; PRZADKA, Tadeusz

Colorimetric determination of acid fuchsin in ointments. Chem anal 5
no.5:809-813 '60. (EEAI 10:9)

1. Research Laboratory, Poznan Pharmaceutical Works "Chirurgofil",
Poznan.

(Colorimetry) (Acids) (Fuchsin) (Ointments)

KRZYMOWSKI, Tadeusz; PRZALA, Jadwiga; POLUBIEC, Andrzej; OLK, Jerzy;
ROSTKOWSKA, Jadwiga

Effect of the inhibition of the lymphatic system with adrenal
cortex hormones on erythropoietic activity in experimental
polycythemia. Acta physiol. pol. 14 no.5:461-469 S-0'63

1. Z Katedry Fizjologii Zwierzat WSR w Olsztynie (kierownik:
doc.dr. T.Krzymowski) i z Kliniki Hematologicznej Instytutu
Hematologii i Katedry Hematologii Studium Doskonalenia Lekarzy
w Warszawie (kierownik: prof.dr. W.Lawkowicz).

*

PRZANOWSKI, Karol, prof., inż.

Proportions in the development of the network of the Polish electric power system. Przegl elektrotechn 37 no.12:485-489 '61.

1. Komitet Elektryfikacji Polski Polskiej Akademii Nauk.

(Poland—Electric power)

PRYZHANSKIY, M.M.

"Frequency Stabilization of Ultrashort Wave Oscillators by the Method of the Excitation of Quartz on the Harmonics," by M. M. Pryzhanskiy, Radiotekhnika, No 12, Dec 56, pp 15-27

In an article presented at the 11th Scientific Session of the Leningrad Department of the Scientific Society of Radio Engineering and Electronics imeni A. S. Popov, the contemporary situation concerning the question of the direct stabilization of ultrashort wave oscillators with the help of quartz was expounded.

The compensating circuits, worked out by the author for harmonic quartz oscillators, in which the static capacitance of the quartz is compensated by the inductance, were presented; these circuits allowed the excitation of the quartz of higher-order harmonics.

Also considered were the circuits of the harmonic quartz oscillators in which the harmful static capacitance of the quartz was not compensated.

A classification and a comparative appraisal of the harmonic quartz oscillators were included in the article.

SUM. 1287

VEDERNIKOV, M.; PRYZHKO, M., master proizvodstvennogo obucheniya

Vocations for automation. Prof.-tekh.obr. 17 no.3:7-8 Mr '60.
(MIRA 13:6)

1. Zamestitel' direktora tekhnicheskogo uchilishcha No.4, Luganskaya
oblast' (for Vedernikov).

(Automation--Study and teaching)
(Education, Cooperative)

PRYZHKO, M., master proizvodstvennogo obucheniya

Vocations for automation. Prof.-tekh.obr. 17 no.3:7-8 Mr '60.
(MIRA 13:6)

1. Zamestitel' direktora tekhnicheskogo uchilishcha No.4, Luganskaya
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(Education, Cooperative)

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1288. Technical aspects of the planning of the Silesia-Lodz 220 kV line as the first section of the projected Silesia-Lodz-Warsaw line. PRZANOWSKI, K. <i>Przegl. Elektrotech.</i>, 26, 211-20 (July-Aug., 1968) in Polish.—The project of the line as a whole is treated in detail with diagrams showing the power distribution arrangements. The planning of substations, transformers, synchronous condensers, switchgear, lightning arresters and auxiliary equipment is discussed. Information on the already completed section is provided, namely on type and number of towers, foundations, arrangement of conductors, earthing and mechanical problems. A.																																																																																																																																																											
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PRZANOWSKI, K

3787

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Przanowski K. Transient Stability Test in a System Represented by *M*
~~A Two-Machine System.~~

„Badanie stateczności współpracy równoległej w stanie nieustalonym w układzie sprowadzonym do układu dwumaszynowego”. Przegląd Elektrotechniczny. No. 10, 1954, pp. 400—410, 32 figs., 1 tab.
Theory of two-machine systems in a transient state. Computing short circuit clearing time by means of universal swing curves. Example of a two-machine system for stability testing in an industrial plant.

M

PRZANOWSKI, Karol

Formal analysis of the equation of the costs of transmission of electric power. Variability of the economic current density. Przegl elektrotechn 37 no.10:418-420 '61.

• (Electric power)

PRZYBYLSKA, Z.

The determination of iron by the colorimetric method. (Conclusion)

P. 14, (Przegląd Skorany. Vol. 11, no. 9, Sept. 1956, LODZ, POLAND)

Monthly Index of East European acquisitions (EEAI) I.C. Vol. 7 no. 2,
February 1958

PRZYBYLOWICZ, T.

PRZBYLOWICZ, T. Regenerating and remaking measuring instruments. p. 435.
Vol. 27, no. 11/12, Nov./Dec. 1954.
MECHANIK. Warszawa Poland

SOURCE: East European Accessions List (EEAL) IC Vol. 5, No. 6, June 1956

PRZFYLSKI, F.

"Mining of Iron Ore in Poland in the Light of Standardization," P. 191.
(WIADOMOSCI, Vol. 22, No. 4, Apr. 1954. Warszawa, Poland)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4,
No. 1, Jan. 1955 Uncl.

PRZBYSKI, N.

Physical planning of farm buildings. II. p.9.

(BUDOWANICTWO WIEJSKIE. Vol. 9, No. 7, July 1957. Warszawa, Poland)

SO: Monthly List of East European Accessions (EEAL) Lc. Vol. 6, No. 10, October 1957. Uncl.

MISHIN, Vasilii Porfir'yevich, dots.; PRZHEBOROVSKIY, Yaroslav Stepanovich, prof.; GUBAREV, I.D., red.; YAROSLAVTSEV, I.I., tekhn. red.

[Practical work in physical and colloid chemistry for the students of medical and stomatological institutes] Praktikum po fizicheskoi i kolloidnoi khimii; dlia studentov meditsinskikh i stomatologicheskikh inst tutov. Moskva, 1-i Mosk. med. in-t im. I.M.Sechenova, 1961. 52 p.
(MIRA 15:1)

(CHEMISTRY, PHYSICAL AND THEORETICAL—LABORATORY MANUALS)

S/081/61/000/024/086/086
B101/B110

AUTHORS: Faydysh, A. N., Chechik, L. Ye. Chugay, A. D.,
Przhebyl'skiy, M. I.

TITLE: Rubber luminescence analysis

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 24, 1961, 590, abstract
24P476 (Sb. "Metody lyuminestsentn. analiza". Minsk, AN BSSR,
1960, 90 - 93)

TEXT: A description is given of the apparatus and the results of rubber luminescence analysis: checking of the degree of vulcanization, of aging, composition, and rolling. The UV light exciting luminescence (L) is focused to the rubber specimen whose L is conducted to a photomultiplier. The photocurrent is recorded by a microammeter. The degree of vulcanization is checked from the change of the integral intensity of L. The rubber composition is checked on the basis of the individual spectral regions. The intensity change of L correlates with the change of tensile strength, relative elongation and free sulfur content. A relationship is noted between the intensity of L and tensile strength in the rubber aging processes. [Abstracter's note: Complete translation.]
Card 1/1

BLOKH, G.A.; BORISOVA, G.S.; BURMISTROV, S.I.; PRZHEBYL'SKIY, M.I.

Technological investigation of some organic compounds employed
as accelerators in the vulcanization of dipped goods. Trudy
DKHTI no.6:166-173 '58. (MIRA 13:11)
(Rubber goods) (Vulcanization)

BOBINSKI, Henryk; PRZEDLACKI, Janusz

Comparative studies on the clinical value of the determination of the blood glucose level with Hagedorn-Jensen, enzymatic and toluidine methods. Pol. tyg. lek. 17 no.12:433-436 19 Mr '62.

1. Z III Kliniki Chorob Wewnętrznych WAM w Łodzi; kierownik: prof. dr med. A. Himmel.

(BLOOD SUGAR chem)

HIMMEL, Andrzej; PRZEDLACKI, Janusz; TKACZEWSKI, Wladyslaw; WALASEK, Lech

Evaluation of thiazide-induced antidiuresis during water diuresis.
Pol. arch. med. wewnet. 34 no.9:1177-1181 '64

1. Z III Kliniki Chorob Wewnętrznych Wojskowej Akademii Medycznej
(Kierownik: prof. dr. med. A. Himmel)

HIMMEL, Andrzej; BOBINSKI, Henryk; MATUSZAK, Jerzy; PRZEDLACKI, Janusz;
SCHMIDT, Marian; TRZNADEL, Kazimierz

Clinical studies on diuretic drugs from the thiazide group. I. Effect
of hydrochlorothiazide, benzathiazide and benzhydroflumethiazide in
normal subjects. Polskie arch. med. wewn. 31 no.7:941-951 '61.

1. Z III Kliniki Chorob Wewnętrznych WAM w Łodzi Kierownik: prof.
dr med. A. Himmel.

(CHLOROTHIAZIDE rel cpds)

BELOKH, G.A.; BORISOVA, G.S.; PRZHEBYL'SKIY, M.I.

Thermal activation of the ingredients of rubber stocks.

Trudy DKHTI no.6:174-184 ' 58.

(MIRA 13:11)

(Rubber)

S/191/63/000/003/021/022
B101/B186

AUTHOR: Przhialkovskaya, K. P.
TITLE: Second All-Union Coordination Conference on Polyvinyl Acetate
Plastics
PERIODICAL: Plasticheskiye massy, no. 3, 1963, 74 - 75

TEXT: October 22 - 27, 1962, the II Vsesoyuznoye koordinatsionnoye soveshchaniye po polivinilatsetatnym plastikam (Second All-Union Coordination Conference on Polyvinyl Acetate Plastics) was held at the NIIPP, Leningrad. It was attended by representatives of 47 scientific research institutes, planning and design bureaus, and industrial enterprises. N. I. Tyazhlo reported on the present state and further development in the production of polyvinyl acetate (PVA) plastics. Within the Seven-year Plan, the production of plastics on the basis of PVA is to be increased to the 29-fold, that of PVA emulsion to the 100-fold, that of polyvinyl alcohol to the 130-fold, and that of acetals to the 12-fold. The majority of chemical works will have to use natural gas or gases of petroleum refineries as raw material. Furthermore the equipment is to be automated and modernized. At present, Card 1/2

PRUD'N, T.

Journal of the Science of
Food and Agriculture
April 1954
Agriculture and Horticulture.

(2)

Reeds and reed grasses as silage plants. J. Dubiski, T. Przeczak, and F. Sindak (*Roczn. nauki Roln.*, 1953, 66, 2, No. 1, 97-107). Reed grasses (*Cenchrus*) in June and the common reed (*Phragmites communis*) in mid-May contain > the min. sugar content needed for normal lactic fermentation (final pH 4.2) during ensilage. Both yielded silage of good quality (aroma, colour, structure, freedom from butyric acid). Initial addition of cultures of lactic organisms slightly improved the silage from reed grasses but had no beneficial effect on that from the reed. Reed grasses were not eaten by livestock, either green or as hay, but were readily consumed as silage.

A. G. POLLARD.

1941, 1.

1941, 1. (PUBLISHED BY: Short Notes after a Visit in the Soviet Union",
P. 258, (Soviet Union, Vol. 1, No. 10, October 1941, Warsaw, Poland)

1941, 1. (PUBLISHED BY: Short Notes after a Visit in the Soviet Union",
P. 258, (Soviet Union, Vol. 1, No. 10, October 1941, Warsaw, Poland)

PRZEDCIECZANSKA, Z; PRZEDCIECZENSKI, H.

Transportation of brick in containers. p. 159, Vol. 10, no. 6, June 1955,
MATERIALY BUDOWLANE

SO: MONTHLY LIST OF EAST EUROPEAN ACCESSIONS, (ENAL), Vol. 4, No. 9, LC,
Sept. 1955, Uncl.

PRZEDSIĘWZIĘCIA, H.

Duvanov, Mazov, and Naumov in Poland. p. 207.
Vol 10, no. 8, Aug. 1955. MATERIALY SUDOWLANE. Warsaw, Poland.

So: Eastern European Accession. Vol 5, no. 4, April 1956

WTH, Zbigniew; ERWINOWSKI, Józef; POBRZYMSKI, Zdzisław;
PRZEDLACKI, Janusz

Scintigraphy of the liver. Pol. arch. med. wewnet. 35 no.6:
879-883 '65.

1. Z Ośrodka Ochrony Radiologicznej i Radiobiologii w Warszawie
(Kierownik: dr. med. T. Chwast) i z Katedry i Kliniki Chorob
Wewnętrznych 2 CSK Wojskowej AM w Łodzi (Kierownik: prof. dr.
med. D. Aleksandrow).

DOBRZANSKI, Zdzislaw; PRZEDLACKI, Janusz; TOTH, Zbigniew

Functional study of the gallbladder with I-131-labeled rose bengal red. Preliminary report. Pol. arch. med. wewn. 35 no.7: 945-948 '65.

Scintigraphy of the gallbladder. Ibid.:999-1003

1. Z II Katedry i Kliniki Chorob Wewnętrznych 2 CSK Wojskowej AM (Kierownik: prof. dr. med. D. Aleksandrow) i Ośrodka Ochrony Radiologicznej i Radiobiologii w Warszawie (Kierownik: dr. med. T. Gbara).

PRZEMSLACKI, Janusz; TRACIŃSKI, Władysław; TRZNADŁA, Kazimierz

Studies on the effect of diamox, osmuron and triamterene in maximum water diuresis. Pol. tygod. lek. 19 no.40:1521-1523 5 0 '64

1. Z III Kliniki Chorób Wewnętrznych Wojskowej Akademii Medycznej w Łodzi (Kierownik: prof. dr. med. Andrzej Himmel).

ACC NR: AT6031177

SOURCE CODE: UR/2516/65/000/042/0113/0121

AUTHOR: Przedmojski, Jan; Chmielewska, Jolanta

ORG: Department of General Physics "B" (Katedra fizyki ogolney "B")

TITLE: Roentgenographic investigation of barium titanate with impurities of metals and metal oxides

SOURCE: Warsaw. Politechnika, Zeszyty naukowe, no. 117, 1965, Elektryka, no. 42, 113-121

TOPIC TAGS: barium titanate, tungsten impurity, nickel impurity, platinum impurity, bismuth impurity, ferroelectric property, vacuum sintering, solid solution, solid solution formation

ABSTRACT: An attempt has been made to investigate the structure of mixtures of finely powdered $BaTiO_3$ with dust of metals: tungsten, nickel, platinum, and bismuth, characterized by the decay of ferroelectric properties. The samples were prepared by sintering them in vacuum and then in an oxygen atmosphere at 1300C. To identify different phases, the Debye-Scherrer method was used. Another method, consisting of symmetric focussing of rays bent at great angles, was used for the precise

Card 1/2

AT5031177

measurement of network parameters needed for the formation of solid solutions. It was observed that the addition of tungsten and nickel up to several molar percent is absorbed by the BaTiO_3 network producing the decay of its tetragonality. Platinum and bismuth do not produce solid solutions with BaTiO_3 . It appears that the Curie point can be lowered to room temperature by an appropriate addition of metals to BaTiO_3 . Orig. art. has: 5 figures. [Based on authors' abstract]

SUB CODE: 11/ SUBM DATE: 15Jun64/ SOV REF: 001/ OTH REF: 006/

Card 2/2

PRZEMIELSKA, W. : KUZIEWSKI, J.

"Meteorological Description of the Spring of 1954", P. 7. (GAZETA
OBSERWATOPIA, Vol. 7, No. 6, June 1954, Warszawa, Poland)

SC: Monthly List of East European Accessions, (EEAL), IC, Vol. 4,
No. 1, Jan. 1955, Uncl.

Przedpelska, W.

7.8-215

Przedpelska, W. Konferencja poświęcona zagadnieniom gospodarki wodnej w górach. 551.579:551.43:061.3
[Conference on problems of water occurring in mountains.] *Przegląd Meteorologiczny i Hydrologiczny*, Warsaw, 8(1):97-94, 1953. DWB—Minutes of the conference held on Aug. 23-25, 1954, at Żywiec are presented. A lively discussion followed the 7 reports on regulation of mountain rivers and their basins and runoff. It was pointed out that in view of the importance of precipitation, mountains can determine the water supply for the whole country. Subject Headings: 1. Mountain hydrology 2. Runoff 3. Hydrologic conferences.—A.M.P.

RECEIVED FROM THE DIRECTOR OF THE JAMES EARL RAY FOUNDATION

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See: List of Acquisitions, Vol. 1, May 1966

PRIMORDIALA, 4.

The present state of climatology in Hungary. p. 12.
Vol 8, no. 10, Oct. 1955. GAZETA OBSERWATORA. Warsaw, Poland

S0: Eastern European Accession. Vol 5, no. 4, April 1955

FRIEDFELSKA, W.

Agricultural meteorology in the German Democratic Republic. p. 13.

GAZETA OBSERWATORA P. I. H. M., Vol. 8, no. 12, Dec. 1955.

POLAND

SOURCE: EAST EUROPEAN ACCESSIONS LC Vol. 5, no. 7, August 1956.

PRZEDPELSKA, W.

SCIENCE

PRZEDPELSKA, W. Warunki meteorologiczne wegetacji roslin w Polsce w 1952 roku.
Warszawa, Wydawn. Komunikacyjne, 1957. 25 p. (Warsaw. Panstwowy
Instytut Hydrologiczno-Meteorologiczny. Prace, zesz. 46)

Monthly List of East European Accessions (EEAI) LC Vol. 8, No. 4
April 1959, Unclass.

RECENT DATA, 2.

Correct elaboration of the supply plan for materials and techniques in 1958, a source of material savings. p. 12.

RECENT DATA, Warszawa, Vol. 6, no. 7, July 1959.

30: Ministry List of East European Accessions, (WMA), LG, Vol. 4, no. 10, Oct. 1955, p. 1.

PRZEDPELSKI, J.

Spontaneous rupture of stomach in 2 year old child. Polski tygod. lek.
13 no.29:1124-1125 21 July 58.

1. Z II Oddziału Chirurgicznego Szpitala Miejskiego w Toruniu: kierownik
Oddziału: dr Donat Massalski.

(STOMACH, rupt.

spontaneous in 2 year old child, fatal case (Pol))

PRZEDPELSKI, Stefan; CHWIALKOWSKI, Jerzy

Our experiences in the treatment of acute cholecystitis. Pol. tygod.
lek. 20 no.4:140-141 25 Ja '65

1. Z Oddzialow Chirurgicznych Szpitala Miejskiego w Plocku.

PRZEDPELSKI, Stefan; CHWIALKOWSKI, Jerzy

Subcapsular hematoma of the liver. Pol. przegl. chir. 37 no.1:
55-56 Ja '65

1. Z Oddzialow Chirurgicznych Szpitala Miejskiego w Plocku.

PRZEGALINSKI, Kazimierz

Remarks on Roman Kapko's paper on the durability of moving wheels
and crane rails. Probl proj hut maszyn 11 no.1:30 Ja '63.

1. Biprohut, Gliwice.

PRZEDPELSKI, Stefan; CHWIALKOWSKI, Jerzy.

Mechanical obstruction following gastrectomy. Polski
tygod.lek. 10 no.40:1305-1306 3 Oct 55.

1. Z oddzialu chirurgicznych Szpitala im. J.Dabrowskiego
w Plocku. Plock, Szpital Miejski, ul. Kosciuszki 28.

(STOMACH, surgery,

postop. intestinal obstruction)

(INTESTINAL OBSTRUCTION?

postgastrectomy)

PRZEDPELSKI, Stefan; CHWIALKOWSKI, Jerzy

Regional anesthesia in surgical treatment of acute intestinal obstruction. Polski przegl. chir. 27 no.12:1206-1210 Dec 55.

1. Z Oddziału Chirurgicznego Szpitala Miejskiego w Plocku
Plock, Szpital Miejski im. J. Dabrowskiego.

(INTESTINAL OBSTRUCTION, surg.

anesth., regional)

(ANESTHESIA, REGIONAL, in various dis.

intestinal obstruct. surg.)

PRZEDPELSKI, Zbigniew

Stone curtain walling. Architektura Pol no.9:356-358 '61.

PRZEDRZYMIERSKA-MALINOWSKA, Helena

A case of congenital duodenal occlusion in a premature infant.
Pediat.polska 30 no.1:64-66 Jan 55.

1. Z Kliniki Chirurgii Dzieciat A. M. w Warszawie Kierownik:
prof. dr med. J. Kossakowski. Kielce, Stalina 17 m. 5.

(INTESTINAL OBSTRUCTION,
congen., in premature inf.)
(INFANT, PREMATURE, diseases,
intestinal obstruct., congen.)

ARANKO, Danuta; PRZYBYLOSKA, Zofia

Cases of hypersensitivity to streptomycin and penicillin.
Med. lek. 18 no.21:Suppl.:53-56 15 1 65.

1. Z I. Oddzialu Chorob Wnnetrznych Szpitala Miejskiego
w Padaniu (Ordynator: lek. med. D. Aranko).

BORKOWSKI, Boguslaw; JESKE, Jozef; LASTOWSKI, Zbigniew; PRZEGALINSKI,
Edmund

Spermatocidal activity of tannin and of saponins. Acta pol.
pharm. 20 no.1:91-92 '63.
(TANNINS) (SAPONINS) (SPERMATOOZOA)

PROCESSING AND PROPERTY INDEX																									
METALLOGRAPHIC LITERATURE CLASSIFICATION													METALLOGRAPHIC LITERATURE CLASSIFICATION												
→ The transition points of nickel-chromium structural steels. Stanislaw Przegalski. <i>Wiedomości Inst. Metalurg. Metalos.</i> 1, No. 1, 17-20(1934); <i>Chem. Zentr.</i> 1937, 1, 1522.—With const. heating and cooling velocities of 1, 1522.—With const. heating and cooling velocities of 7-8° and 5° per min., resp., the transition points A_c and A_r were detd. for 5 Cr steels, 3 Cr steels, 4 Ni steels and 11 Cr-Ni steels. The rule of Aall (<i>C. A.</i> 18, 3029) that 1% Cr raises the A_c point by 8° and 1% Ni lowers it 11.5° was substantiated. The temp. of pearlite transition of Cr-Ni steels can be calcd. from the following empirical equation: $1A_c = 721 + 8.0[Cr] - 11.5[Ni]$ in which the [Cr] and [Ni] are expressed in percentages. M. G. Moore																									

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PROCESSES AND PROPERTIES INDEX																																																																																																																																																						
CA 9 Statistical analysis of the properties of high-strength structural steels containing manganese. St. Krasulinski and St. Rydzewski (Hutniczy Inst. Badawczy, Gliwice, Poland). <i>Hutnik</i> 14, 232-9(1947).—A statistical analysis was made of the strength of Mn steels used by the German aviation industry. The causes of discrepancies and the properties and the condition of the exptl. material necessary to carry out a statistical analysis are discussed. Frank Conet																																																																																																																																																						
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PRZEGALLIŃSKI S.

Przegaliński S. Catalogue of Structural Steel.
"Katalog Stali konstrukcyjnych". Stalinogrod. 1953. PWT. 160.
124 pp., 9 figs., 20 tabs.
Catalogue of varieties of structural steel made by the Polish steel industry. It contains a list of brands of steel, chemical analysis, tensile properties, together with instructions for heat treatment and forging, general advice as to the selection and use of individual varieties of structural steels for one purpose or another, and details as regards the ordering and acceptance of steel.

PRZEGALINSKI, STANISLAV, ed.

Stal; zarys wiadomosci dla konstruktorow. Praca zbiorowa. ("yd. 1.)
Stalinograd, Wydawn. Gorniczo-Hutnicze, 1955. 407 p. (Steel; a
manual for constructors; a collective work. 1st ed. illus., bibl.,
diagrams, footnotes, graphs, tables)

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, no. 3,
March 1956

PRZEGALINSKI, S.

POLAND

"Development of the Metallurgical Research Institute," by S. PRZEGALINSKI; Prace Instytutow Ministerstwa Hutnictwa, Gliwice, Nos. 2-4, 1955.

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001343420017-6"

See: *Journal of the Institute of Technology*, Vol. 195.
No. 2, Katowice, Vol. 2, no. 2, June 1955.

0: Monthly List of East European Accessions, (Serial), LE, Vol. 4, no. 10, Oct. 1965, 1 vol.

Przegaliński, S.

8150* Silicon Steel of Increased Strength Properties. Krzemowa stal o podwyższonej wytrzymałości. I. (Polish.) S. Przegaliński. Prace Instytutu Ministerstwa Hutnictwa, v. MG 8, no. 1, 1936, p. 17-26. Investigates the possibility of substituting Si for Mn in steel of the type ST32. Graphs, tables. 63 ref. ①

of

PRZEGALINSKI, S.

High-yield-strength silicon steel. II. S. Przegallinski (Prace Inst. Minist. Hutn., 1956, 8, 97-116).—A steel containing 0.13-0.18 C, 1.0-1.3 Si, 0.6-0.8 Mn, and $\pm 0.05\%$ Al, prepared in an arc furnace, had a yield strength of 38-45 kg./sq. cm. and impact strength 10-20 kg./sq. cm. at 20° and 6-12 kg./sq. cm. at -40°. After welding, the steel exhibited high ductility and low hardness in the zone adjacent to the weld. The steels have a tendency to brittle fracture. J. S. C.

Met
Steel

24
Jm

PRB OK

PRZEGALINSKI, S.

Distr: 4E2c

Effect of substitution of molybdenum by tungsten upon
the properties of heat-treated steels. S. Przeglinski and
M. Bielecki. *Prace Inst. Hutnic.* 10, 100-104, 1947. In 5
structural, heat-treated steels, which were Ni-Cr, Mn-Cr
and Cr steels, the Mo was replaced by W. The object was
to find steels which do not show so much temper brittle-
ness. Best results are obtained if W is substituted in steels
free from Ni. In steels with Ni replacing Mo by 3 times
the amt. of W will not lead to satisfactory results. The
tensile strengths are hardly affected by such substitution,
but the hardenability is somewhat impaired.

Werner Jacobson

18(5,7)

AUTHOR:

POL/43-59-9-2/17
Przegaliński, Stanisław, Master Engineer, Professor

TITLE:

Economical Nickel Steels

PERIODICAL:

Wiadomości hutnicze, 1959, Nr 9, pp 262-264 (Poland)

ABSTRACT:

The Polish steel industry is faced with the need to find immediately the best practicable ways of substituting nickel steels by other steel alloys as far as possible, and to decrease Poland's import deficit. Already, the requirements of costly nickel steels cannot be met by the steel industry, while the needs in 1965 are anticipated to reach 650,000 tons per annum, which would be twice as much as in 1958. The known fact that a certain nickel content in steel considerably improves the physical qualities of the material, should not be taken as a reason for exclusively using nickel steel, and this goes too for the production of parts, where steel alloys without nickel would suffice. Only 30 years ago, it was a generally accepted rule to take chrome-nickel steels, of a nickel content up to 5%, in all cases, where finished products were supposed to be

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POL/43-59-9-2/17

Economical Nickel Steels

of high plasticity and resistance. It is known, in fact, the nickel content of steel does not have to exceed 2% for such purposes. Experiments proved that for gear wheels, where a nickel content of 4-5% was considered a minimum, 1.5% of nickel will suffice (Polish 15 HN steel); and for steel parts, which will be exposed to the greatest strains, 2% of nickel will do (Polish 18 H 2 N 2 steel). In numerous other instances, where a certain minimum of nickel was considered mandatory, steel alloys without nickel could be substituted (20 HG, 18 HGM, 18 HGT). The highest nickel content (8 - 10%) is required for corrosion proof steels. As a matter of fact, there are not too big quantities of such material required by Polish industry, but proper substitution also of these steels should have first priority, due to their high nickel content. It is known that in the azotic acid, artificial manure, food, communications and construction industries, highly valuable steel 18/8 may be substituted by corrosion proof steels without nickel (H 17, containing 17% chrome) with eventual additions

Card 2/3

Economical Nickel Steels

POL/43-59-9-2/17

of titanium and molybdenum, and also steel of the H 17 N 2 type. Where the austenitic structure of metal has to be ensured, steel 18/8 may be replaced by Cr-Mn-Ni-N (of 4% nickel content). There are 9 references, 3 of which are Polish, 2 French, 2 American and 2 German.

Card 3/3

PRZEGALINSKI, Stanislaw, mgr inz.

Development trends of construction steel. Wlad hut 15
no.10:297-304. O '64.

STAUB, Fryderyk, prof. mgr inż.; PRZEGALINSKI, Stanisław

Schooling graduate engineers in the field of physical metallurgy
for the needs of industry. Mechanika Gliwice no.16:5-7 '62.

1. Katedra Metaloznawstwa, Politechnika, Gliwice.

PRZEGALINSKI, Stanisław, prof. mgr inż.

Economy nickel steel. Wiad hut 15 no.9:261-264 S '59.

188200

33823

S/137/62/000/001/144/237

A052/A101

AUTHORS: Przegalinski, S., Bak, R., Wojnarowski, J.

TITLE: The effect of Ni on the fatigue strength of structural steel

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 1, 1962, 37, abstract 11250
("Wytrzymałosc zmeczeniowa tworzyw i elementow metalowych",
Warszawa, 1961. 50-53, Polish summary)

TEXT: The relation between σ_w and σ_b for 3 grades of steel with a different Ni content (35XM, 34XHM and 33XH8MA) after heat treatment was investigated. The heat treatment consisted of oil hardening at 830 - 850°C and tempering at 560 - 605°C with oil cooling. Mechanical properties (σ_s , σ_b , σ_s/σ_b , δ_{10} , ψ and α_k) for all 12 investigated heats are stated. The fatigue tests were carried out by three different methods: on plane samples - tension-compression (I), on plane cantilever samples - bending with torsion (II), on cantilever samples with a notch - bending with torsion (III). It is established that after the said heat treatment ($\sigma_b = 105 - 110 \text{ kg/mm}^2$) σ_w of investigated steels is rather independent of the Ni content. For the method I $\sigma_w = 48 - 49 \text{ kg/mm}^2$, for the method II $\sigma_w = 54 - 53 \text{ kg/mm}^2$ and for the method III $\sigma_w = 16 - 18 \text{ kg/mm}^2$. For

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S/137/62/000/001/144/237
A052/A101

The effect of Ni on the fatigue strength ...

all 3 steels the relation of respective σ_w and σ_b is about the same namely:
 $\sigma_w/\sigma_b = 0.450 - 0.454$, $\sigma_w^{II}/\sigma_b = 0.504 - 0.520$, $\sigma_w^{III}/\sigma_b = 0.144 - 0.163$. The notch
 sensitivity coefficient defined as the relation $\sigma_w^{II}/\sigma_w^{III}$ is equal for all
 steels to 3.22 - 3.50. Consequently the addition of Ni to steel for all parts
 working under cyclic load conditions is not justified. The application of steels
 with Ni is advisable for large cross-section parts where Ni is introduced to
 raise the hardenability. X

M. Shapiro

[Abstracter's note: Complete translation]

Card 2/2

HANC, I.; WITKOWSKA, S.; PRZEKAZINSKA, B.; GRODZKA, Z.

Effect of protein-rich and high-calory diets on the course of burn sickness in small children. *Pediat. pol.* 37 no.6:573-589 Je '62.

1. Z Kliniki Chirurgii Dzieciecej Kierownik: prof. dr. med. W. Poradowska
z Pracowni Zywienia Kierownik: inż. S. Witkowska z Zakladu Biochemii
Kierownik: prof. dr. med. G. Bagdasarian i z Pracowni Analitycznej
Kierownik: dr med. A. Wolanska Instytutu Matki i Dziecka w Warszawie
Dyrektor: prof. dr. med. B. Gorniki.

(BURNS in inf & child)

(PROTEINS nutrition & diets)

(INFANT NUTRITION)

TRACZYK, Wladyslaw; PRZEKOP, Franciszek

A method for testing the function of the hypothalamus and pituitary in the sheep in chronic experiments. Acta physiol. pol. 14 no.2:227-236 '63.

1. Z Zakladu Fizjologii PAN w Warszawie Kierownik: prof. dr F. Czubalski Z Zakladu Fizjopatologii Kierownik: prof. dr E. Domanski Z Instytutu Fizjologii i Zywienia Zwierzat PAN Dyrektor: prof. dr J. Kielanowski.

(HYPOTHALAMUS) (PITUITARY GLAND) (SKULL)
(SELIA TURCICA) (ANATOMY)

PRZEKWAŚCIE.

On the existence of the sulfite-sulfate ion (SO_3SO_4)
 A. Swinarski, Cz. Przykwas, and J. Rakoczy (Wrocław
 Szkoła Inż. Politechniki, Poland). *Przemysł Chem.* 12, 673-4
 (1966); cf. *ibid.* 233. The rate of desorption of SO_2 from
 H_2SO_4 solns. of various concns. was investigated. It was
 lowest in the 30-40% soln. This phenomenon is attributed
 to the formation of a sulfite-sulfate ion: $\text{SO}_3^{2-} + \text{SO}_4^{2-} \rightleftharpoons$
 $\text{S}_2\text{O}_6^{2-}$, which reaches a max. at 30-40% SO_2 . At 80° no
 min. in desorption velocity was observed owing to the insta-
 bility of $\text{S}_2\text{O}_6^{2-}$ at this temp. In the 200-660 mm. Hg pres-
 sure range the phenomenon persists. M. Solomiansky.

PEZEKAS, K.

Closing of the Volga River during the construction of the Stalingrad Hydroelectric-
Power Station. p. 166

ENERGETYKA (Ministerstwo Gornictwa i Energetyki oraz Stowarzyszenie Elektrykow
Polskich) Bytom, Poland. Vol. 13, no. 6, June 1959

Monthly List of East European Accessions (EFAI) LC, Vol. 8, no. 9, September 1959
Uncl.

PRZELASKOWSKI, R.

"Characteristics of technical libraries. Biuletyn Centr", p. 21 (Przegląd Techniczny.
Vol. 74, no. 11, Nov. 1953, Warszawa)

Vol. 3, No. 3

SO: Monthly List of East European Accessions, /Library of Congress, March 1954, Uncl.

PRZELASKOWSKI, Wiktor, mgr inż.

A scientific and technological conference on "The 25th
Anniversary of Electric Traction in Poland"; Warsaw
May 28, 1962. Przegl elektrotechn 38 no.9:392-394
S '62.

PRZELASKOWSKI, Wiktor, mgr inż.

Development of electric traction on the Polish Railways
during the last 25 years and further development prospects.
Przegl elektrotechn 38 no.9:383-386 S '62.

PRZELASKOWSKI, Wiktor, mgr., inż.

Twenty five years of electric traction on Polish railroads.
Przegl elektrotechn 38 no.4:173 Ap '62.

PRZELASKOWSKI, Wiktor, mgr. inż.

Technological progress in designing electrification of railroads.
Przegl kolej elektrotech 14 no.5:136-140 My '62.

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656.27-83

Przełaskowski W. Characteristics of Suburban Electric Traction Traffic.

„Charakterystyka ruchu podmiejskiego o trakcji elektrycznej”. Przegląd Kolejowy. No. spec., 1951, pp. 24-28, 4 figs., 1 tab.

It is essential, in order to fix suburban traffic principles, to determine all such specific features as call for provision to be made in traffic organization. Basic features of suburban traffic in the Warsaw railway system. Formula for estimating the amount of rolling stock required. Long distance and suburban traffic should not proceed along a common line. Adaptation of station lines to suburban traffic requirements. Necessity for an efficient liaison system on suburban railway lines — foolproof and quick in operation. Importance of efficient technical relief service.

PRZELECKA, Aleksandra

Cytochemical methods of determination of nucleic acids.
Postepy biochem. 2 no.2:233-242 1956.

(NUCLEIC ACIDS, determination,
cytochem. methods, review (Pol))

FRZELUCKA, Aleksandra

Role of structural differentiation of the cell in the
regulation of its metabolism. Kosmos biol 13 no. 4:296-304
'64.

PRZELECKA, ALEKSANDRA

RODKIEWICZ, Bohdan; PRZELECKA, Aleksandra; POZNANSKA, Hanna

Nucleic acids in cells. Postepy biochem. 2 no.2:283-296
1956.

(NUCLEIC ACIDS, metabolism,
review (Pol))

PRZELECKA, A.; WRONISZEWSKA, A.

Cytochemical studies on polyphosphates in the gastrointestinal system of *Galleria mellonella*, larvae. Acta physiol. polon. 8 no.3:511-512 1957.

1. Z Zakładu Biochemii Instytutu Biologii Doświadczalnej im. M. Nenckiego w Warszawie Kierownik: prof. dr W. Niemierko.

(PHOSPHATES, metabolism

polyphosphates in gastrointestinal system of *Galleria mellonella* larvae (Pol))

(MOTHS,

Galleria mellonella larvae, polyphosphates in gastrointestinal system (Pol))

(GASTROINTESTINAL SYSTEM, metabolism,

polyphosphates in *Galleria mellonella* larvae (Pol))

7
WRONISZEWSKA, A.; PRZELECKA, A.

Cytochemical studies on the appearance of polyphosphates in organs of
Galleria mellonella larvae. Acta physiol. polon. 8 no.3:574-575 1957.

1. Z Zakładu Biochemii Instytutu Biologii Dosw. im. M. Nenckiego w
Warszawie Kierownik: prof. dr W. Niemierko.

(MOTHS,

Galleria mellonella, polyphosphate metab. (Pol))

(PHOSPHATES, metabolism,

polyphosphates in *Galleria mellonella* (Pol))